

1 **WHAT IS CLAIMED IS:**

2 1. A retaining device for a vehicle radar sensor, the retaining device
3 comprising:
4 a housing (10) defined with a chamber for retaining the vehicle radar
5 sensor therein, wherein the housing (10) has a rear surface from which two
6 opposite platforms (13) protrude to define a path (11) between the two platforms
7 (13); and
8 a fastener (20) having a first engagement member and a second
9 engagement member, wherein the first engagement member attaches to the path
10 (11) of the housing, and the second engagement member is adapted to clamp an
11 edge of a rear cover (31) of a vehicle (30) to allow the radar sensor to be exposed
12 to face a rear area behind the vehicle (30).

13 2. The retaining device as claimed in claim 1, wherein two slots (110)
14 parallel to the path (11) are defined into opposite sidewalls of the two platforms
15 (13);

16 wherein the fastener (20) is formed by a clamping base (23) having two
17 opposite edges from which a front plate (22) and a rear plate (21) integrally and
18 perpendicularly extend, wherein when the rear plate (21) slides along the path
19 (11), two opposite edges of the rear plate (21) are tightly abutted against the
20 sidewalls of the two slots (110).

21 3. The retaining device as claimed in claim 2, wherein two blocks (12)
22 are formed on the rear surface of the housing near one end of the path (11) to
23 engage with two through holes (210) defined in the rear plate (21) of the fastener
24 (20).

1 4. The retaining device as claimed in claim 2, wherein the clamping base
2 (23) in company with the front plate (22) and the rear plate (21) is formed to have
3 a U-shaped cross section, where the rear cover (31) of the vehicle is securely
4 clamped between the front plate (22) and the rear plate (21).

5 5. The retaining device as claimed in claim 4, wherein an adhesive
6 element (24) is mounted on a surface of the rear plate (21) to adhere to the rear
7 cover (31).

8 6. The retaining device as claimed in claim 4, wherein a magnet is
9 mounted on a surface of the rear plate (21) to attract to the rear cover (31).

10 7. The retaining device as claimed in claim 4, wherein the front plate (22)
11 is defined with a hole that allows a screw (25) to insert therethrough to press
12 against the rear cover (31).

13 8. The retaining device as claimed in claim 4, wherein the front plate (22)
14 is shorter than the rear plate (21) in the length but is wider than the rear plate (21)
15 in the width.